

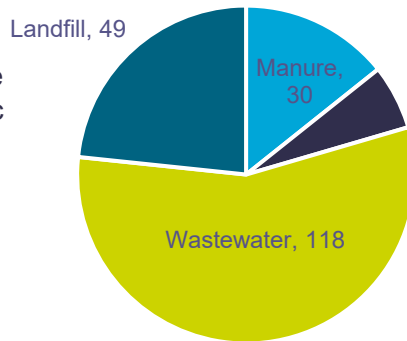
NEW YORK

BIOGAS STATE PROFILE

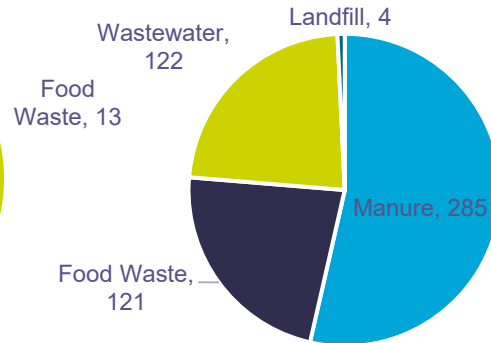


New York ranks 7th out of 50 states for its biogas production potential. We estimate up to 52.3 billion cubic feet of renewable methane from biogas could be produced each year for energy, fuel, heat, and more!

Operational Systems (210)



Potential Systems (523)



THE POWER OF 81.71 BILLION CUFT OF BIOGAS:

ENERGY POTENTIAL:

- **4379 million** kW·h electricity and **1706 million** BTU/h by engine; OR
- **7324 million** kW·h electricity and **12206 million** kW·h by fuel cell; OR
- **1061 thousand** gallons vehicle fuel; OR

ECONOMIC GROWTH:

Constructing 532 new systems would generate about...

- **\$1.59 billion** in capital investments,
- **13291** construction jobs, AND
- **882** permanent jobs.

REDUCE GREENHOUSE GAS EMISSIONS EQUIVALENT TO:

- Growing **2308 million** coniferous tree seedlings for 10 yrs, OR
- Replacing **319600** acres of forest, OR
- Removing **5.16 million** cars from the road.

BIOGAS SYSTEMS CAN RECYCLE:

Type	Production	Biogas
Manure (total)	16 million tons/yr	33.6 billion cuft/yr
<i>Broiler</i>	-	
<i>Dairy</i>	16 million tons/yr	
<i>Swine</i>	80000 tons/yr	
<i>Turkey</i>	-	
Food Waste	6.03 million tons/yr	32.97 billion cuft/yr
Landfill	-	-
Wastewater Facility*	2617 gallons/day	15.1 billion cuft/yr
Total Biogas	-	81.71 billion cuft/yr

*Wastewater facility greater than 1 MGD